



Utah Division of Solid and Hazardous Waste

Solid Waste Management Program

288 North 1460 West
P.O. Box 144880
Salt Lake City, Utah 84114-4880

Phone (801) 538-6170
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APPLICATION FOR A PERMIT TO OPERATE A SOLID WASTE INCINERATOR

Please read the instructions that are found in the document, INSTRUCTIONS FOR APPLICATION FOR A PERMIT TO OPERATE A SOLID WASTE INCINERATOR. This application form shall be used for all incineration facility permits and modifications. Part I, GENERAL INFORMATION, must accompany a permit application. Part II, APPLICATION CHECKLIST, is provided to assist applicants and, if included with the application, will assist review. **Please note** the version date of this form found on the lower right of the page; if you have received this form more than six months after this date it is recommended you contact our office at (801) 538-6170 to determine if this form is still current. When completed, please return this form and support documents, forms, drawings, and maps to:

Dennis R. Downs, Director
Division of Solid and Hazardous Waste
Utah Department of Environmental Quality
PO Box 144880
Salt Lake City, Utah 84114-4880

(Note: When the application is determined to be complete, submittal of two copies of the complete application will be required.)

Utah Solid Waste Incinerator Permit Application Form

| | | | | | | | | | | | |
|---|--|--|--|--|--|---------------------------------------|--|--|--|--|--|
| Part I General Information APPLICANT: PLEASE COMPLETE ALL SECTIONS. | | | | | | | | | | | |
| I. Incinerator Type | | <input type="checkbox"/> Large <input type="checkbox"/> Small | | Energy Recovery <input type="checkbox"/> Yes <input type="checkbox"/> No | | II. Application Type | | <input type="checkbox"/> New Application <input type="checkbox"/> Renewal Application | | <input type="checkbox"/> Facility Expansion <input type="checkbox"/> Modification | |
| For Renewal Applications, Facility Expansion Applications and Modifications Enter Current Permit Number _____ | | | | | | | | | | | |
| III. Facility Name and Location | | | | | | | | | | | |
| Legal Name of Facility | | | | | | | | | | | |
| Site Address (street or directions to site) | | | | | | | | County | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| Township | | Range | | Section(s) | | Quarter/Quarter Section | | Quarter Section | | | |
| Main Gate Latitude | | degrees | | minutes | | seconds | | Longitude | | degrees | |
| | | | | | | | | minutes | | seconds | |
| IV. Facility Owner(s) Information | | | | | | | | | | | |
| Legal Name of Facility Owner | | | | | | | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| V. Facility Operator(s) Information | | | | | | | | | | | |
| Legal Name of Facility Operator | | | | | | | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| VI. Property Owner(s) Information | | | | | | | | | | | |
| Legal Name of Property Owner | | | | | | | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| VII. Contact Information | | | | | | | | | | | |
| Owner Contact | | | | | | Title | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| Email Address | | | | | | Alternative Telephone (cell or other) | | | | | |
| Operator Contact | | | | | | Title | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| Email Address | | | | | | Alternative Telephone (cell or other) | | | | | |
| Property Owner Contact | | | | | | Title | | | | | |
| Address (mailing) | | | | | | | | | | | |
| City | | | | State | | Zip Code | | Telephone | | | |
| Email Address | | | | | | Alternative Telephone (cell or other) | | | | | |

Utah Solid Waste Incinerator Permit Application Form

| Part I General Information (Continued) | | | |
|---|--|--|--|
| VIII. Waste Types (check all that apply) | | IX. Facility Design Capacity | |
| Waste Type <input type="checkbox"/> Municipal Waste <input type="checkbox"/> Asbestos <input type="checkbox"/> Construction & Demolition <input type="checkbox"/> PCB's (R315-315-7(3) only) <input type="checkbox"/> Industrial <input type="checkbox"/> Animals <input type="checkbox"/> Other _____ | | Tons per Day <u>or</u> _____ Pound per Hour _____ | |
| X. Fee and Application Documents | | | |
| Indicate Documents Attached To This Application <input type="checkbox"/> Facility Map or Maps <input type="checkbox"/> Facility Legal Description <input type="checkbox"/> Plan of Operation <input type="checkbox"/> Waste Description <input type="checkbox"/> Ash Sampling Plan <input type="checkbox"/> Closure Design <input type="checkbox"/> Cost Estimates <input type="checkbox"/> Financial Assurance | | <input type="checkbox"/> Application Fee: Amount \$ _____ Commercial Facility Special Requirements <input type="checkbox"/> Documents required by UCA 19-6-108(9) and (10) | |
| I HEREBY CERTIFY THAT THIS INFORMATION AND ALL ATTACHED PAGES ARE CORRECT AND COMPLETE. | | | |
| Signature of Authorized Owner Representative _____ Name typed or printed | | Title _____ Date _____ Address _____ | |
| Signature of Authorized Land Owner Representative (if applicable) _____ Name typed or printed | | Title _____ Date _____ Address _____ | |
| Signature of Authorized Operator Representative (if applicable) _____ Name typed or printed | | Title _____ Date _____ Address _____ | |

Utah Solid Waste Incinerator Permit Application Checklist

Important Note: The following checklist is for the permit application and addresses only the requirements of the Division of Solid and Hazardous Waste. Other federal, state, or local agencies may have requirements that the facility must meet. The applicant is responsible to be informed of, and meet, any applicable requirements. Examples of these requirements may include obtaining a conditional use permit, a business license, or a storm water permit. The applicant is reminded that obtaining a permit under the *Solid Waste Permitting and Management Rules* does not exempt the facility from these other requirements.

An application for a permit to construct and operate an incinerator is the documentation that the facility will be located, designed, constructed, and operated to meet the applicable requirements of Rules R315-302, R315-306, R315-309, and R315-315 of the *Utah Solid Waste Permitting and Management Rules* and the *Utah Solid and Hazardous Waste Act* (UCA 19-6-101 through 123). The application should be written to be understandable by regulatory agencies, facility operators, and the general public. The application should also be written so that the facility operator, after reading it, will be able to operate the facility according to the requirements with a minimum of additional training.

Copies of the *Solid Waste Permitting and Management Rules*, the *Utah Solid and Hazardous Waste Act*, along with many other useful guidance documents can be obtained by contacting the Division of Solid and Hazardous Waste at 801-538-6170. Most of these documents are available on the Division's web page at www.hazardouswaste.utah.gov. Guidance documents can be found at the solid waste section portion of the web page.

When the application is determined to be complete, the original complete application and one copy of the complete application are required along with an electronic copy.

Part II Application Checklist

| I. Facility General Information | |
|--|----------------------|
| Description of Item | Location In Document |
| Completed Part I General information | |
| General description of the facility (R315-310-3(1)(b)) | |
| Legal description of property (R315-310-3(1)(c)) | |
| Proof of ownership, lease agreement, or other mechanism (R315-310-3(1)(c)) | |
| Area served by the facility including population (R315-310-3(1)(d)) | |
| Facilities claiming non-commercial status, a demonstration that the landfill is not a commercial facility | |
| Waste type and anticipated daily volume (R315-310-3(1)(d)) | |
| Intended schedule of construction (R315-302-2(2)(a)) | |
| For Large Incinerators A Demonstration That The Facility Meets The Location Standards (R315-306-2(2)) | |
| Land use compatibility | |
| Maps showing the existing land use, topography, residences, parks, monuments, recreation areas or wilderness areas within 1000 feet of the site boundary | |
| Certifications that no ecologically or scientifically significant areas or endangered species are present in site area | |
| Geology | |

Utah Solid Waste Incinerator Permit Application Checklist

| I. Facility General Information | |
|--|----------------------|
| Description of Item | Location In Document |
| Geologic maps showing significant geologic features, faults, and unstable areas | |
| Maps showing site soils | |
| Surface water | |
| Magnitude of 24 hour 25 year and 100 year storm events | |
| Average annual rainfall | |
| Maximum elevation of flood waters proximate to the facility | |
| Maximum elevation of flood water from 100 year flood for waters proximate to the facility | |
| Wetlands | |
| Ground water | |
| Plan of Operations (R315-310-3(1)(e) and R315-302-2(2)) | |
| Description of on-site waste handling procedures and an example of the form that will be used to record the weights or volumes of waste received (R315-302-2(2)(b) And R315-310-3(1)(f)) | |
| Schedule for conducting inspections and monitoring, and examples of the forms that will be used to record the results of the inspections and monitoring (R315-302-2(2)(c), R315-302-2(5)(a), and R315-310-3(1)(g)) | |
| Contingency plans in the event of a fire or explosion (R315-302-2(2)(d)) | |
| Corrective action programs to be initiated if ground water is contaminated (R315-302-2(2)(e)) | |
| Contingency plans for other releases, e.g. explosive gases or failure of run-off collection system (R315-302-2(2)(f)) | |
| Plan to control fugitive dust generated from roads, construction, and general operations (R315-302-2(2)(g)) | |
| Description of maintenance of installed equipment (R315-302-2(2)(h)) | |
| Procedures for excluding the receipt of prohibited hazardous or PCB containing wastes (R315-302-2(2)(i)) | |
| Procedures for controlling disease vectors (R315-302-2(2)(j)) | |
| A plan for alternative waste handling (R315-302-2(2)(k)) | |
| A general training and safety plan for site operations (R315-302-2(2)(n)) | |
| Any recycling programs planned at the facility (R315-303-4(6)) | |
| An operational plan that, in addition to the requirements of Section R315-302-2, addresses cleaning of storage areas (R315-306-2(6)) | |
| A schedule for testing the ash and residues and a plan for the disposal of the ash and residues (R315-306-2(7) and R315-310-7(2)(b)(iv)) | |

Utah Solid Waste Incinerator Permit Application Checklist

| I. Facility General Information | |
|--|----------------------|
| Description of Item | Location In Document |
| Any other site specific information pertaining to the plan of operation required by the Executive Secretary (R315-302-2(2)(o)) | |
| SPECIAL REQUIREMENTS FOR A COMMERCIAL INCINERATOR (R315-310-3(2)) | |
| Submit information required by the <i>Utah Solid and Hazardous Waste Act</i> Subsections 19-6-108(9) and 19-6-108(10) (R315-310-3(2)(a)) | |
| Approval from the local government within which the incinerator facility sits | |

| II Facility Technical Information | |
|---|----------------------|
| Description of Item | Location In Document |
| Maps | |
| Plot Plan map of the proposed facility drawn to a scale of 200 feet to the inch showing the boundaries of the facility; the locations of all existing and proposed structures; the location of all access routes; the location of the run-off collection, treatment, and disposal system (R315-310-3(1)(b)) | |
| ENGINEERING REPORT - PLANS, SPECIFICATIONS, AND CALCULATIONS | |
| Engineering reports required to meet the location standards of R315-302-1 | |
| The design of the incinerator or thermal treater including charging or feeding systems; combustion air systems; combustion or reaction chambers; heat recovery systems; ash handling systems; air and water pollution control systems; and instrumentation and monitoring systems (R315-310-7(2)(a)(ii)) | |
| A discussion of the design and operation of the air pollution control systems and documentation to show that an air quality permit has been granted or the application is being reviewed by the Division of Air Quality (R315-310-7(2)(c)) | |
| A discussion of the design and operation of the run-off collection, treatment, and disposal system and documentation to show that any run-off treatment system or other water pollution control treatment system is being or has been reviewed by the Division of Water Quality (R315-310-7(2)(c)) | |
| CLOSURE PLAN (R315-310-3(1)(h)) | |
| Closure schedule (R315-310-7(2)(d)(i)) | |
| Methods for removal of wastes, equipment, and location of final disposal (R315-310-7(2)(d)(ii)) | |
| Final inspection by regulatory agencies (R315-310-7(2)(d)(iv)) | |
| FINANCIAL ASSURANCE (R315-310-3(1)(j)) | |
| Identification of closure costs including cost calculations (R315-310-7(2)(d)(ii)) | |
| Identification of the financial assurance mechanism that meets the requirements of Rule R315-309 and the date that the mechanism will become effective (R315-309-1(1)) | |